

What is claimed is

1. A luminescence audio unit structure, comprising:

a holder, an expanding opening formed in front of the holder, a magnetic element and a voice coil set in back of the holder;

5 a vibrating membrane set inside the expanding opening and a voice coil covered by the vibrating membrane;

a membrane tray set inside the expanding opening, a internal diameter of the membrane tray adhered to the voice coil; and

an electro luminescence piece stuck on the vibrating membrane and  
10 connected to the voice coil.

2. A luminescence audio unit structure as in claim 1, wherein the electro luminescence piece is shaped as word patterns or drawings

3. A luminescence audio unit structure as in claim 1, further comprising a transformer connected between the electro luminescence piece and the voice  
15 coil.

4. A luminescence audio unit structure as in claim 3, wherein the transformer is set inside the vibrating membrane.

5. A luminescence audio unit structure, comprising:

a holder, an expanding opening formed in front of the holder, a magnetic element and a voice coil set in back of the holder;

20 a vibrating membrane set inside the expanding opening, a voice coil covered by the vibrating membrane;

a membrane tray set inside the expanding opening, a internal diameter of the membrane tray adhered to the voice coil; and

25 an electro luminescence piece stuck on the membrane tray and connected to

the voice coil.

6. A luminescence audio unit structure as in claim 5, wherein the electro luminescence piece is shaped as word patterns or drawings.

7. A luminescence audio unit structure as in claim 5, wherein the electro 5 luminescence piece is stuck to parts or overall surface of the membrane tray.

8. A luminescence audio unit structure as in claim 5, further comprising a transformer connected between the electro luminescence piece and the voice coil.

9. A luminescence audio unit structure as in claim 8, wherein the transformer is 10 set inside the vibrating membrane.

10. A luminescence audio unit structure, comprising:

a holder, an expanding opening formed in front of the holder, a magnetic element and a voice coil set in back of the holder;

a vibrating membrane set inside the expanding opening, a voice coil covered 15 by the vibrating membrane;

a membrane tray set inside the expanding opening, a internal diameter of the membrane tray adhered to the voice coil;

a binding coil surrounded the holder;

a plane vibrating membrane stuck on the binding coil; and

20 an electro luminescence piece stuck on the plane vibrating membrane and connected to the voice coil.

11. A luminescence audio unit structure as in claim 10, wherein the electro luminescence piece is shaped to be word patterns or drawings.

12. A luminescence audio unit structure as in claim 10, further comprising a 25 transformer connected between the electro luminescence piece and the voice

coil.

13. A luminescence audio unit structure as in claim 12, wherein the transformer is set inside the vibrating membrane.